| Ref<br>#   | Hits | Search Query   | D8s                                       | Default<br>Operator | Plurals | Time Stamp       |
|------------|------|--|---|---------------------|---------|------------------|
| 51         | 384  | channel with impulse adj response<br>with select\$4  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR                  | OFF     | 2006/01/19 09:37 |
| 52         | 13   | channel with impulse adj response<br>with select\$4 and euclidean with<br>distance   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR                  | OFF     | 2006/01/19 09:48 |
| S3         | 7    | channel with impulse adj response<br>with select\$4 and euclidean and<br>(path or transition) with (metric)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR                  | OFF     | 2006/01/19 09:38 |
| 54         | 2    | channel with impulse adj response<br>with select\$4 with (maximum or<br>highest or max or largest or<br>reliable) and euclidean with<br>distance     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR                  | OFF     | 2006/01/19 09:49 |
| 55         | 2    | channel with impulse adj response<br>with select\$4 with (maximum or<br>highest or max or largest or<br>reliable) and euclidean                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR                  | OFF     | 2006/01/19 09:50 |
| <b>S6</b>  | 4    | channel adj5 response with<br>select\$4 with (maximum or<br>highest or max or largest or<br>reliable) and euclidean                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR                  | OFF     | 2006/01/19 09:52 |
| <b>S</b> 7 | 1    | ("20020118778").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR                  | OFF     | 2006/01/19 09:58 |
| S8         | 59   | channel with response with<br>select\$4 and euclidean and symbol<br>with (sequence or transmit\$4)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR                  | OFF     | 2006/01/19 12:56 |
| S9         | 66   | channel near4 (response or estimate) with select\$4 and euclidean and symbol with (sequence or transmit\$4)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR                  | OFF     | 2006/01/19 14:41 |
| S10        | 50   | channel near4 (response or estimate) near3 select\$4 and euclidean   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR                  | OFF     | 2006/01/19 15:00 |
| 511        | 1    | survival with path same channel<br>adj4 (response or estimate or<br>impulse) with (select\$4) with<br>(maximum or minimum or highest<br>or reliable) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR                  | OFF     | 2006/01/19 15:01 |

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44 (714/792).ccls. and demodulat\$4 and channel with response

S36

547

31

US-PGPUB; OR USPAT; USOCR; EPO; JPO (714/792).ccls, and demodulat\$4 and channel with response with select\$4 US-PGPUB; USPAT; USOCR; EPO; JPO **S37** 12 OR OFF 2006/01/22 16:10 US-PGPUB; USPAT; USOCR; EPO; JPO (714/794).ccls. \$38 OR OFF 331 2006/01/22 16:10 US-PGPUB; USPAT; USOCR; 539 152 (714/794).ccls. and demodulat\$4 2006/01/22 16:10 OFF EPO; JPO (714/794).ccls. and demodulat\$4 and select\$4 with channel with response US-PGPUB; USPAT; USOCR; EPO; JPO S40 OR OFF 2006/01/22 16:20 US-PGPUB; USPAT; USOCR; EPO; JPO S41 1611 (714/795).ccls. OR OFF 2006/01/22 16:20 US-PGPUB; USPAT; 542 465 (714/795).ccls. and receiver OR OFF 2006/01/22 16:20 USOCR; EPO; JPO US-PGPUB; USPAT; USOCR; EPO; JPO (714/795).cds. and select\$4 with channel with response 543 27 OR ОFF 2006/01/22 17:13 US-PGPUB; USPAT; USOCR; EPO; JPO (714/796).ccls. and select\$4 with channel with response 544 OR OFF 2006/01/22 17:16 (714/796).ccls. and select\$4 with channel with (estimate\$4 or response\$4) US-PGPUB; USPAT; USOCR; EPO; JPO **S45** OR OFF 2006/01/22 17:45 14 ("4247944" | "4884272" | "4937841" | "5315617" | "5388810" | "5467374" | "5479419" | "5488635" "5588026" | "5594742" | "6005898" | "6049575" | "6141384").PN. US-PGPUB; USPAT; USOCR OR 13 ОÆ 2006/01/22 17:24

2006/01/22 15:53

OFF

| <b>512</b> | 1   | survival with path same channel<br>adj4 (response or estimate or<br>impulse) with (select\$4) with<br>(maximum or minimum or highest<br>or reliable or lowest)                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2006/01/19 15:02 |  |
|------------|-----|--|---|----|-----|------------------|--|
| <b>513</b> | 3   | survival with path and channel<br>adj4 (response or estimate or<br>impulse) with (select\$4) with<br>(maximum or minimum or highest<br>or reliable or lowest)                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2006/01/19 15:05 |  |
| S14        | 3   | survival with path and channel<br>adj4 (response or estimate or<br>impulse) with (value) with<br>(maximum or minimum or highest<br>or reliable or lowest)                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2006/01/19 16:26 |  |
| \$15       | 2   | adaptive with look adj3 up adj4<br>table with data adj rate  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2006/01/19 16:27 |  |
| S16        | 230 | (variable or select\$4 or multiple or<br>plurality) with (data adj rate) with<br>(storage or buffer or register or<br>memory) with clock   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2006/01/19 16:28 |  |
| S17        | 1   | (variable or select\$4 or multiple or<br>plurality) with (data adj rate) with<br>(storage or buffer or register or<br>memory) with clock and clock adj<br>data adj recovery          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2006/01/19 16:28 |  |
| S18        | 65  | (variable or select\$4 or multiple or<br>plurality) with (data adj rate) with<br>(storage or buffer or register or<br>memory) with clock and clock adj<br>data                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2006/01/19 16:32 |  |
| S19        | 68  | (variable or select\$4 or multiple or<br>plurality) with (data adj rate or<br>sampling adj rate) with (storage or<br>buffer or register or memory )<br>with clock and clock adj data | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2006/01/19 16:38 |  |
| S33        | 1   | (714/780).ccls. and channel with<br>response with select\$4  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2006/01/22 12:55 |  |
| S34        | 73  | (714/780).ccls. and demodulat\$4   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2006/01/22 15:53 |  |
| S35        | 195 | (714/792).ccls. and demodulat\$4   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2006/01/22 15:53 |  |

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| 548 | 30 | (375/262).ccls, and select\$4 with<br>channel with (estimate\$4 or<br>response\$4)                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2006/01/22 20:25 |
|-----|----|---|---|----|-----|------------------|
| 549 | 92 | (375/340).ccis. and select\$4 with<br>channel with (estimate\$4 or<br>response\$4)                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2006/01/22 18:53 |
| S50 | 98 | (375/341).ccls. and select\$4 with<br>channel with (estimate\$4 or<br>response\$4)                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2006/01/22 18:53 |
| S51 | 26 | (375/340).ccis. and select\$4 with<br>channel with (estimate\$4 or<br>response\$4) and trellis                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2006/01/22 19:27 |
| S52 | 60 | (375/341).ccis. and select\$4 with<br>channel with (estimate\$4 or<br>response\$4) and trellis                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2006/01/22 18:53 |
| S53 | 41 | (375/341).cds. and select\$4 with<br>channel with (estimate\$4 or<br>response\$4) and trellis and<br>distance | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2006/01/22 18:53 |

US-PGPUB; USPAT; USOCR; EPO; JPO

OR

OFF

2006/01/22 18:52

(375/265).ccls. and select\$4 with channel with (estimate\$4 or response\$4)